

FORM PTO-1390 (REV. 12-2001)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 213202.00510
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/500711</b>
INTERNATIONAL APPLICATION NO.  PCT/CA03/00006	INTERNATIONAL FILING DATE  06 January 2003 (06.01.2003)	PRIORITY DATE CLAIMED  04 January 2002 (04.01.2002)	
TITLE OF INVENTION: <b>SAMPLE IDENTIFICATION, CHEMICAL COMPOSITION ANALYSIS AND TESTING OF PHYSICAL STATE OF THE SAMPLE USING SPECTRA OBTAINED AT DIFFERENT SAMPLE TEMPERATURES</b>			
APPLICANT(S) FOR DO/ES/US: <b>Romuald PAWLUCZYK, Karl SAMPARA, Sheu-Ju HU, and Mang LI</b>			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>has been communicated by the International Bureau.</li> <li>is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>is attached hereto.</li> <li>has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>are attached hereto (required only if not communicated by the International Bureau).</li> <li>have been communicated by the International Bureau.</li> <li>have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>An English language translation of the amendments to the claims under the PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>An English language version of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>A substitute specification.</li> <li>A change of power of attorney and/or address letter.</li> <li>A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825.</li> <li>A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>Other items or information: Form PTO-1449; International Search Report; return receipt postcard</li> </ol>			

106 JUL 2004

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/500711</b>		INTERNATIONAL APPLICATION NO. PCT/CA03/00006		ATTORNEY'S DOCKET NUMBER 213202.00510	
---	--	--	--	--	--

<b>21.X</b> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... <b>\$1080.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... <b>\$920.00</b>  International preliminary examination (37 CFR 1.482) paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... <b>\$770.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... <b>\$730.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>	
				\$ 920.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	12-20 = 0	x	\$18.00	\$	
Independent claims	2 - 3 = 0	x	\$86.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$920.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				-	
<b>SUBTOTAL =</b>				\$460.00	
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$460.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
<b>TOTAL FEES ENCLOSED=</b>				\$460.00	
				Amount to be refunded:	
				charged:	

a. A check in the amount of \$\_\_\_\_\_ to cover the fees is enclosed.

b. ☒ Please charge my Deposit Account No. 50-1710 in the amount of \$460.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

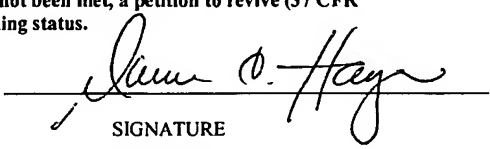
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1710. A duplicate copy of this sheet is enclosed.

d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Dawn C. Hayes  
 KATTEN MUCHIN ZAVIS ROSENMAN  
 Customer No. 27160  
 525 West Monroe Street, Suite 1600  
 Chicago, Illinois, 60661-3693  
 Fax: 312.902.1061  
 Tel: 202.625.3500

  
 SIGNATURE  
 \_\_\_\_\_  
 NAME Dawn C. Hayes  
 \_\_\_\_\_  
 44,751  
 REGISTRATION NUMBER

July 6, 2004